

Customer No. 28880

Confirmation No. 6734

PTO/SB/08A (08-03)

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Complete if Known

Application Number	10/773,588
Filing Date	FEBRUARY 5, 2004
First Named Inventor	L. Chupak et al
Art Unit	1614
Examiner Name	
Attorney Docket Number	PC25656A

Sheet 1 of 8

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
BWL		US- 4,705,799	11-10-1987	Gregory	
		US- 5,043,443	08-27-1991	Carlson et al	
		US- 5,164,510	11-17-1992	Brickner	
		US- 5,182,403	01-26-1993	Brickner	
		US- 5,225,565	07-06-1993	Brickner	
		US- 5,231,188	07-27-1993	Brickner	
		US- 5,247,090	09-21-1993	Brickner	
		US- 5,529,998	06-25-1996	Habich et al	
		US- 5,547,950	08-20-1996	Hutchinson et al	
		US- 5,652,238	07-29-1997	Brickner et al	
		US- 5,684,023	11-04-1997	Riedl et al	
		US- 5,688,792	11-18-1997	Barbachyn et al	
		US- 5,698,574	12-16-1997	Riedl et al	
		US- 5,792,765	08-11-1998	Riedl et al	
		US- 5,827,857	10-27-1998	Riedl et al	
		US- 5,843,967	12-01-1998	Riedl et al	
		US- 5,861,413	01-19-1999	Habich et al	
		US- 5,869,659	02-09-1999	Stolle et al	
		US- 5,952,324	09-14-1999	Barbachyn et al	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
BWL		WO94/01110	01-20-1994	THE UPJOHN CO.		
BWL		WO95/07271	03-16-1995	THE UPJOHN CO.		
BWL		WO96/13502	05-09-1996	THE UPJOHN CO.		
BWL		WO96/23788	08-08-1996	PHARMACIA		
BWL		WO96/35691	11-14-1996	PHARMACIA		
BWL		WO97/30995	08-28-1997	ZENECA		

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Application Number	10/773,588
Filing Date	February 5, 2004
First Named Inventor	L. Chupak et al
Art Unit	1614
Examiner Name	
Attorney Docket Number	PC25656A

Sheet 2 of 8

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BML		US- 5,990,136	11-23-1999	Barbachyn et al	
		US- 6,043,266	03-28-2000	Ennis et al	
		US- 6,069,145	05-30-2000	Betts	
		US- 6,069,160	05-30-2000	Stolle et al	
		US- 6,110,936	08-29-2000	Gravestock	
		US- 6,166,056	12-26-2000	Thomas et al	
		US- 6,194,441	02-27-2001	Roberts et al	
		US- 6,239,152	05-29-2001	Gordeev et al	
		US- 6,239,283	05-29-2001	Gage	
BML		US- 6,689,769	02-10-2004	Gordeev et al	
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BML		WO99/03846	01-28-1999	BAYER		
BML		WO99/29688	06-17-1999	PHARMACIA		
BML		WO99/37641	07-29-1999	BAYER AKTIEN...		
BML		WO99/37652	07-29-1999	BAYER AKTIEN...		
BML		WO99/64417	12-16-1999	ZENECA		
BML		WO00/21960	04-20-2000	ZENECA		

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Substitute for form 1449/PTO				Application Number	10/773,588
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Filing Date	February 5, 2004
(Use as many sheets as necessary)				First Named Inventor	L. Chupak et al
				Art Unit	1614
				Examiner Name	
Sheet	3	of	8	Attorney Docket Number	PC25656A

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BWL		WO00/44741	08-03-2000	PHARMACIA	
BWL		WO00/73301	12-07-2000	PHARMACIA	
BWL		WO01/40236	06-07-2001	ASTRAZENECA AB	
BWL		WO01/81350	11-01-2001	ASTRAZENECA	
BWL		WO02/096916	12-05-2002	ASTRAZENECA AB	

Examiner Signature		Date Considered	11/18/06
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Complete if Known

Application Number	10/773.588
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Filing Date	February 5, 2004
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First Named Inventor	L. Chupak et al
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Art Unit	1614
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Examiner Name

Attorney Docket Number	PC25656A
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Sheet	4	of	8
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U. S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ²
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY			
BMK		WO03/006440	01-23-2003	PHARMACIA		
BMK		EP0417044A2	08-29-1990	CIBA-GEIGY AG		
BMK		EP0697408B1	08-10-1995	MERCK PATENT		
BMK		WO02/059116	08-01-2003	PHARMACIA & Upjohn		

**Examiner
Signature**

Date Considered

11/14/08

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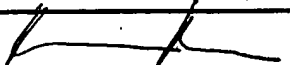
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				First Named Inventor	L. Chupak et al
				Art Unit	1614
Examiner Name					
Attorney Docket Number	PC25656A				
Sheet	5	of	8		

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
BWK		ABDELAAL, et. al., "Synthesis of 1-[3-Methyl]-2(3H)-benzazolon-5- or 6-yl]-4-[4-[cis-2-(2,4-dichlorophenyl)-2-(1H-imidazol-1-yl-methyl)-1,3-dioxolan-4-yl]methylene oxyphenyl]]piperazines" Journal of Heterocyclic Chem., 29, 1069, (1992).	
BWK		BARBACHYN, et. al. "Identification of a Novel Oxazolidinone (U-100480) with Potent Antimycobacterial Activity." Journal of Medicinal Chemistry. 1996, 39, 680-685.	
BWK		BLACHE, et. al. "Application of the Mercuric Acetate-Edetic Acid Oxidation Method To The Synthesis of 11-Aza-1,2,3,4,5,6,7,12bpOctahydroindolo[2,3-a]Quinolizines." Heterocycles, Vol. 45, No.1, Pp.57-69, 1997	
BWK		BODOR, Nicholas and J. Hillis Miller, "Novel Approaches in Prodrug Design." Drugs of the Future Vol. VI, No. 3, 1981, pp. 165-182.	
BWK		YAMAMOTO, Yutaka, and Akihiko Yanagi. "Studies on Organometallic Compounds, II Facile and Convenient Method for the Synthesis of Iodoazines through Iododestannation of Trimethylstannylazines." Chem Pharm. Bull. 30(5) 1731-1737(1982).	
BWK		BRICKNER, et. al. "Synthesis and Antibacterial Activity of U-100592 and U-100766, Two Oxazolidinone Antibacterial Agents for the Potential Treatment of Multidrug-Resistant Gram-Positive Bacterial Infections." Journal of Medicinal Chemistry. 1996, 39, 673-679.	
BWK		BUNDGAARD, Hans. "Design of prodrugs: Bioreversible derivatives for various functional groups and chemical entities." Design of Prodrugs, Chapter 1, 1985.	
BWK		CAVA, Michael P. and Matthew I. Levinson. "Thionation Reactions of Lawesson's Reagents." Tetrahedron Vol. 41, No. 22, pp. 5061-5087, 1985.	
BWK		CLARK, Robert L. and Arsenio A. Pessolano. "Synthesis of Some Substituted Benzoxazolones." Journal of the American Chemical Society." Vol. 80, pp. 1662, 1958.	
BWK		COMINS, et. al. "Preparation of 2,6-Disubstituted 2,3-Dihydro-4-pyridones: Dehydrogenation of Trimethylsilyl Enol Ethers with Palladium (II) Acetate." Tetrahedron Letters, Vol. 36, No. 52, pp. 9449-9452, 1995.	

Examiner Signature		Date Considered	11/14/06
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Sheet	6	of	8	Attorney Docket Number	PC25656A

NON PATENT LITERATURE DOCUMENTS			
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BML		COMINS, et. al. "Regio- and Stereoselective Addition of Nucleophiles to 1-Phenoxycarbonyl-2,3-Dihydropyridium Salts." Heterocycles, Vol. 37, No. 2, 1994, pgs 1121-1140.	
BML		DEHMLow, Eckehard, and Ralf Westerheide. "Studies Towards 3,4-Dimethoxy-1-Methyl-1,2-Dihydropyridine, so-called Arecolidine, or its Tautomers." Heterocycles, Vol. 37, No. 1, 1994, pgs. 355-366.	
BML		DIEZ, et. al. "Preparation of a New Chiral 5,6-Dihydropyridinium Synthon." Heterocycles, Vol. 31, No. 3, 1990, pgs., 485-492.	
BML		DODD, Dharmpal and Allan Oehlschlager. "Efficient Route to the Synthesis of C-2, C-3 Substituted 4-Piperidones." Tetrahedron Letters, Vol. 32, No. 30, pp. 3643-3646, 1991.	
BML		EVANS, et. al. "Regioselective Preparation of a,B-Unsaturated Ketones via the Direct Dehydrogenation of Triisopropylsilyl Enol Ethers." Tetrahedron Letters, Vol. 36, No. 23, pp. 3985-3988, 1995.	
BML		GAGE, et. al. "Stereodivergent synthesis of sulfoxide-containing oxazolidinone antibiotics." Tetrahedron Letters, 41 (2000) 4301-4305.	
BML		GUERRY Philippe and Reinhard Neier, "Photochemical Cycloadditions to 5,6-Dihydro-4-pyridones." Chimia 41 (1987) No. 10 (October), pgs., 341-342.	
BML		GUERRY, Philippe and Reinhard Neier. "Reduktion von 4-Pyridinonen." Synthesis, June 1984 pp. 485-488.	
BML		HAIDER, et. al. "140. Synthesis of 4-Oxo-1,2,3,4-tetrahydropyridine (2,3-Dihydro-4(1H)pyridinone)." Helvetica Chimica Acta - Vol. 58, Fasc. 5 (1975) - Nr. 139 - 140 pp. 1287-1292.	
BML		HERRINTON, et. al. "Iodination and Metal Halogen Exchange of Aromatic Compounds: An Improved Preparation of a Key Oxazolidinone Antibiotic Intermediate." Organic Process Research and Development 2001, 5, 80-83.	

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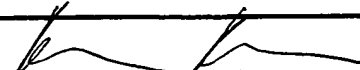
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Sheet	7	of	8	Attorney Docket Number	PC25656A

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BWL		ISHII, et. al. "Rhodium-Catalyzed Reaction of N-Acylpiperazines with CO and Ethylene, Carbonylation at a C-H Bond Directed by an Amido Group." Tetrahedron Letters, Vol. 38, No. 43, pp. 7565-7568, 1997.	
BWL		KIRSCHBAUM, Stephen, and Herbert Waldmann. "Construction of the Tricyclic Benzoquinolizine Ring System by Combination of a Tandem Mannich-Michael Reaction with a Heck Reaction." Tetrahedron Letters, Vol. 38, No. 16, pp. 2829-2832, 1997.	
BWL		KIRSCHBAUM, Stepen, and Herbert waldmann. "Three-Step Acces to the Tricyclic Benzo[a]quinolizine Ring System." Journal of Organic Chemistry. 1998, 63, 4936-4946.	
BWL		LOCK, Ralf, and Herbert Waldmann. "Asymetric Synthesis of Highly Functionalized Tetracyclic Indole Bases Embodying the Basic Skeleton of Yohimbinep and Reserpine Type Alkaloids." Tetrahedron Letters, vol. 37, No. 16, pp. 2753-2756, 1996.	
BWL		LOCK, Ralf, and Herbert Waldmann. "Enantioselective Construction of Highly Fuctionalized Indoloquinolizines Congeners to Polycyclic Indole Alkaloids." Chem. Eur. J. 1997, 3, No. 1, pp. 143-151.	
BWL		MAI, et. al. "N-[4-(1,1'-Biphenyl)Methyl]-4-(4-Thiomorpholinylmethyl) Benzenamines, a New Class of Synthetic Antituberculosis Agents Active Against Mycobacterium Avium." Medicinal Chemistry Research, 9:3 (1999) 149-161.	
BWL		NOTARI, Robert E., "Theory and Practice of Prodrug Kinetics." Methods in Enzymology, Vol. 112, 1985, pp. 309-323.	
BWL		REGGELIN, Michael, and Cornelia Zur, "Sulfoximines; Structures, Properties and Synthetic Applications." Synthesis, 2000, No. 1, 1-64.	
BWL		ROUSH, William R., and Bradley B. Brown. "Enantioselective Syntehsis of 2-Alkyl-5-methylene-1,3-dioxolan-4-ones and Exo-Selective Diels-Alder Reactions with Cyclopentadiene." Journal of Organic Chemistry. 1992, 57, 3380-3387.	
BWL		STUTZ, P, and PA Stadler, "A Novel Approach to Cyclic b-Carbonyl-Enamines 7,8 - Lysergic Acid Derivatives Via The Polonovski Reaction." Tetrahedron Letters No. 51, pp. 5095 - 5098, 1973.	

Examiner Signature		Date Considered	11/14/06
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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/773,588
Filing Date	February 5, 2004
First Named Inventor	L. Chupaket al
Art Unit	1614
Examiner Name	
Attorney Docket Number	PC25656A

Sheet 8 of 8

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
Bm		WALDMANN et. al. "Asymmetric Synthesis of Indolo[2,3-a]quinolizidin-2-ones Congeners to Yohimbine-Type Alkaloids." Tetrahedron Vol. 49, No. 2, 1993, Pp. 397-416.	
Bm		English Abstract for GUERRY, Philippe "Reduktion von 4-Pyridinonen"	
		English Abstract for EP0417044A2	
		English Abstract for EP0697408B1	

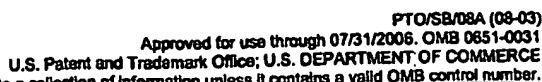
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SignatureDate
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11/14/06

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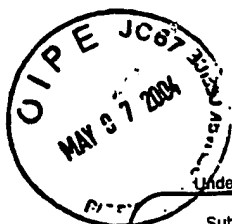
Application Number	10/773,588
Filing Date	February 6, 2004
First Named Inventor	Louis Chupak, et al
Art Unit	Unknown
Examiner Name	Not yet assigned
Attorney Docket Number	PC25656A

[illegible][illegible]

Date Considered

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PTO/SB/08A (08-03)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/773,588
Filing Date	February 6, 2004
First Named Inventor	Louis Chupak, et al
Art Unit	Unknown
Examiner Name	Not yet assigned
Attorney Docket Number	PC25656

Sheet 1 of 3

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
BWL		US- 6,313,307	11-06-2001	Ennis, et al	
		US- 6,051,716	04-18-2000	Hutchinson, et al	
		US- 5,614,535	03-25-1997	Juraszyk, et al	
		US- 5,565,571	10-15-1996	Barbachyn, et al	
		US- 6,271,383	08-07-2001	Gravestock, et al	
		US- 5,981,528	11-09-1999	Gravestock, et al	
		US- 5,523,403	06-04-1996	Barbachyn, et al	
		US- 5,968,962	10-19-1999	Thomas, et al.	
		US- 5,627,181	05-06-1997	Riedl, et al	
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
BWL		WO 01/46185	06-28-2001	Hester, et al		
		WO 96/15130	05-23-1996	Barbachyn, et al		
		WO 95/25106	09-21-1995	Yamada, et al		
		WO 97/09328	03-13-1997	Hutchinson, et al		
BWL		WO 99/40094	08-12-1999	Raddatz, et al		
		WO 98/54161	12-03-1998	Hester, et al		

Examiner
Signature*Bento Robinson*Date
Considered*9/16/07*

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known	
		Application Number	10/773588
		Filing Date	February 6, 2004
		First Named Inventor	Louis Chupak, et al.
		Art Unit	Unknown
		Examiner Name	Not yet assigned
Sheet 3	of 3	Attorney Docket Number	PC25656A

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
BMA		Brickner, S., et al, "Oxazolidinone Antibacterial Agents", Current Pharmaceutical Design, 1996, vol. 2, pgs 175-194.	

Examiner Signature	<i>Ruth Robinson</i>	Date Considered	3/6/07
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